



METEOR 1000

Text Editing

The Meteor Real Time Terminal screen displays a dot by dot representation of text. By drawing characters dot by dot, the effect is proportionately correct. Characters in the correct size, width and weight, text is proportionately spaced, bold faces are drawn heavier than roman faces, and italic faces are slanted. Similarly, all characters appear on the screen in a representation consistent with their appearance on final typeset copy. The effect of any composition decision which the user may make, such as changing the point size or measure, is readily apparent on the screen.

Each key on the keyboard is capable of generating up to 48 different characters or commands. This is accomplished through the use of "shift" and "super-shift". When a key is struck without a shift, one default value is selected. The shift and super-shift keys are used before a key to generate other characters or commands. For example, when the A key is struck, a lower case "a" is generated; however, when a super-shift is pressed, a lower case "A" is generated. Shifts are also used to select small caps, Greek alpha and inferior. Shifts and super-shifts may be locked so that the user can type in lower case Greek without re-shifting.

When a character key is struck, the character is displayed to the left of the cursor and previous lines are re-positioned and redisplayed. In effect, the system is always in an insert mode.

A small number of characters can be manufactured from other characters by modification of point size, drawing shift, and serving. Typical examples are three line math signs which do not appear full size in the font, fractions, and small capitals.

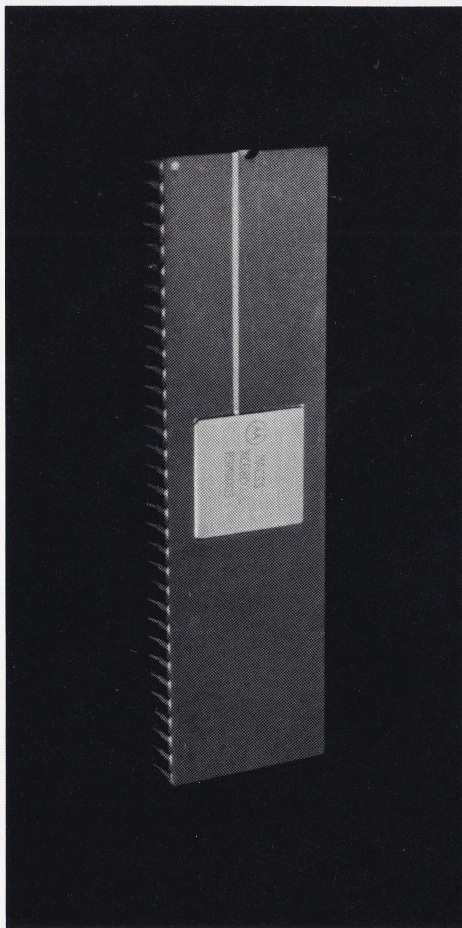
The real time terminal will display copy at a variety of scales from one quarter to three times true size depending on the scale command the user enters.

The real time terminal "dash point mode" will display text lines as horizontal lines across the line containing the cursor. The advantage of using a dash point mode is that the lines can be printed on a separate page. This is the case when the user is making corrections to a working paper. In this case, the user only needs to view the text which needs

"dash" 20 lines, 220 characters

METEOR 1000 TEXT COMPOSER

For high performance mark-up with up to 20 megabytes of local storage, the Meteor 1000 is a modestly-priced desk-top text composer featuring powerful software to handle complex mark-up tasks with ease.



MC68000 Microprocessor

Each Meteor 1000 Text Composer comes with a standard Bedford Advanced Ethernet interface to allow full user access to all stations on The Vision Network System.

The Text Composer is based on the Motorola MC68000 with 256 kilobytes of main memory plus

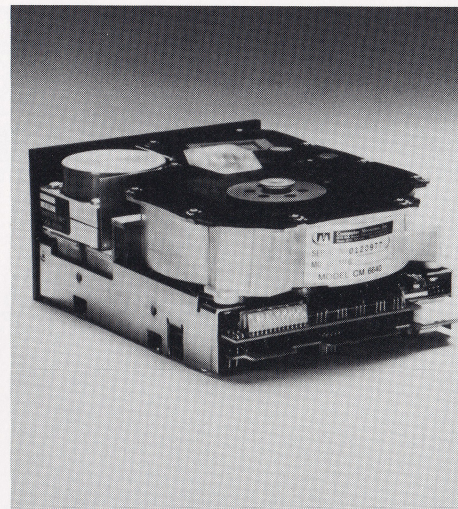
additional memory. The Bedford detachable keyboard is user programmable, and offers 128 touch-sculptured keys in keypad layouts that are user-friendly.

Storage includes a 320 kilobyte floppy disk drive and a choice of 12 or 20 megabyte Winchester hard disk. In addition to serving as a convenient software loader and diagnostic checking device, the floppy disk drive affords each user with "private" filing capabilities for confidential storage. And each floppy disk may be hand-carried to other Meteors for work whenever the Text Composer is tied up during maintenance.

Software for the Meteor 1000 works with standard ASCII files including complex mark-up coding. Both vertical and horizontal scrolling up to 250 characters is standard.

The Text Composer operates in three modes: overstrike, insert and command mode. In any mode, the Meteor 1000 features a number of instant commands to ease the manipulation of text.

In command mode, the typed characters do not immediately affect the text, but are added to the

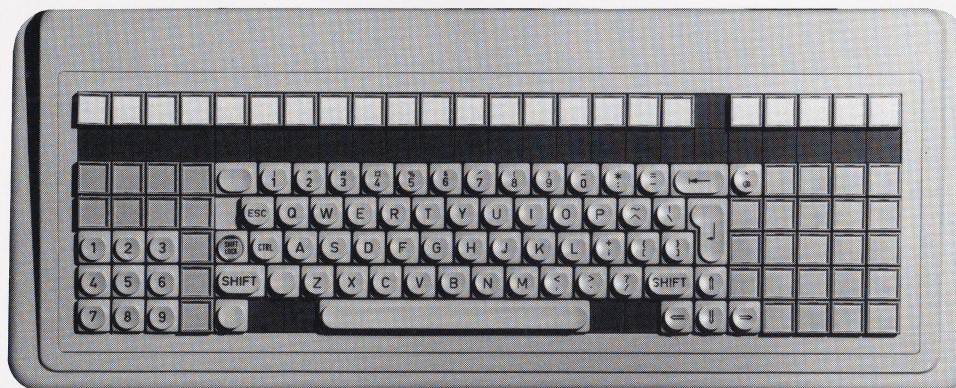


Winchester Drive for local storage.

command buffer. While a single command is usually one or two characters, commands may be strung together to form command strings. These command strings form the basis of the mark-up approach any user can take to text handling.

Either alone or coupled with the Bedford Batch processing module, the Meteor 1000 can match any mark-up station offered.

The Meteor 1000 Text Composer can be configured with the Bedford 5100 Page Proofer for local hard copy output.



Ethernet is a registered trademark of Xerox Corporation.
IBM PC is a registered trademark of International Business Machines, Inc.
Bedford Batch, The Vision Network System, Galaxy, Meteor and Meteor/Star are trademarks of Bedford Computer Corporation.

Bedford Computer Corporation reserves the right to alter hardware and/or software specifications without notice as part of its normal engineering development efforts.

BEDFORD

COMPUTER CORPORATION

"We Bring Vision to Industry"

Tirrell Hill Road,
Bedford, New Hampshire 03102 USA
Tel. 603-668-3400 • TWX 710-364-1060